

Exam 2

Question #	Orange Form Fall 2009	Answer
1	E	None of the above (6, 21)
2	D	$\left[-2, \frac{16}{3}\right]$
3	B	$\frac{1}{10} + \frac{7}{10}i$
4	A	$x = 4 - y^2$
5	D	$x = -3 \pm 2\sqrt{3}$
6	A	$\left(-\infty, -\frac{9}{5}\right] \cup [3, \infty)$
7	C	$3x + 5y = -15$
8	B	I and II only
9	D	$(x+2)^2 + (y-4)^2 = 13$
10	B	$x = -\frac{3}{4} \pm \frac{\sqrt{31}}{4}i$
11	C	$x = \pm\sqrt{5}, \quad x = \pm 2i$
12	C	$5a^2 - 12a - 9 = 0$
13	E	$4\sqrt{2}$ inches
14	A	6 seconds
15	D	$H = 7t + 9$